

2870/192

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lawson, et al.

Serial No.: 09/441,832

Group Art Unit: 1619

Filed: November 17, 1999

Examiner: Berman, Alysia

For:

Gel-Type Oil Free Cosmetic

#### AMENDMENT TRANSMITTAL LETTER

Assistant Commissioner of Patents and Trademarks Washington, DC 20231 Dear Sir:

Transmitted herewith is an Amendment for the above-identified application. The fee required to be filed with the accompanying amendment has been calculated as shown below:

#### CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest No. Covered by Previous Payments	Present Extra	Rate	Fee	
Total	26	- 26	0	x \$18	\$	0.00
Independent	2	- 2	0	x \$80	\$	0.00
1st Presentation of Multiple Dependent Claim				+	\$	0.00
				Total	\$	0.00

An additional fee is believed to be required for this amendment for an extension of time of three months in an amount of \$890.00. Please charge the required fee to Deposit Account No. 05-1320.

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I certify that this document and fee is being deposited on 7/3/0/ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

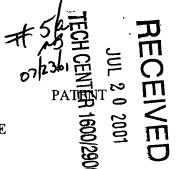
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ESTELLE J. TSEVDOS

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Group Art Unit: 1619

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KENYON & KENYON

### **RESPONSE PURSUANT TO 37 CFR 1.111**

The Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

Dear Sir:

In the Examiner's Office Action, dated February 5, 2001, Claims 4 to 6, 20, 22, and 24 are withdrawn from consideration as being directed to a non-elected invention pursuant to 37 C.F.R. 1.142(b). Applicants thank the Examiner for the phone interview of January 19, 2000 and affirm Applicants' election with traversal of species (b) directed to sterol-based surfactant/emulsifier in Claims 1 to 3, 7 to 19, 21, 23, 25 and 26. In response to the Examiner's rejections in the present office action, please enter the following amendments and consider the following remarks. Applicants also request a three month extension of time pursuant to 37 C.F.R. 1.136(a).

#### **CLEAN AMENDMENTS**

Please amend the following claims in their clean form below and as the previous version of the claims is marked on the attached page entitled **MARKED AMENDMENTS**.

- Pmp. 8, 1
- 1. (Amended) A non-emulsion topical gel composition comprising an aliphatic polyhydric alcohol, an alkali salt of a fatty acid ester or an amine salt of a fatty acid ester, a carbohydrate-based or sterol-based surfactant/emulsifier or combination thereof, water, and substantially no oil.
- 2. (Amended) The composition of claim 1 in which the alkali salt is a sodium or potassium salt of a C12-C22 fatty acid.

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## **DETAILED ACTION**

## Specification

1. The disclosure is objected to because of the following informalities: Throughout the specification, for example, in the abstract; on page 4, paragraph 0011; and in Claim 1, the term "detonate" is used. The Examiner notes that "detonate" is defined as "explode" or "cause to explode". It appears that this is not the intended meaning of the term; it is assumed that it is intended to mean "start" or "activate".

Appropriate correction is required. Applicant's cooperation is asked in correcting any other errors of which Applicant may become aware in the specification.

# Claim Objections

2. Claim 1 is objected to because of the following informalities: the Claim uses the term "detonating". It appears that this is intended to read, for example, "starting" or "activating". Appropriate correction is required.

# Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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4. Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "an access point connected to the server for transmitting data received from the server via wireless transmission". It is unclear whether the data is received from the server via wireless transmission or whether the data is transmitted from the access point via wireless transmission (or both). This renders the claim indefinite.

Claim 6 recites the limitation "the corresponding identification data". There is insufficient antecedent basis for this limitation in the claims.

All other claims are rejected due to their dependence on a rejected base claim.

# Claim Rejections - 35 USC § 103

- 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 6. Claims 1-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duda, US Patent 5708710 in view of Kung et al, US Patent 6889321.

In reference to Claim 1, Duda discloses a method for updating a ciphering key used in a wireless network system (see, for example, column 3, lines 31-38) where the

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method includes starting a counter (column 4, lines 43-48), randomly generating a second key (see column 4, lines 10-12) if the counter conforms to a predetermined threshold (column 4, lines 53-55), a wireless access point transmitting the second key to a wireless station to update a first key stored in the station, and using the updated key to encrypt data between the access point and the station (column 5, lines 34-39). However, although Duda discloses a counter and a counter threshold as described above, Duda does not explicitly disclose that the counter counts a time and that the key is updated at a predetermined time.

Kung discloses a system in which a randomly generated encryption key (column 33, lines 8-11) in a wireless system (see, for example, column 5, lines 14-19) is updated at predetermined time intervals, either a set interval or random sized intervals (column 34, lines 25-43). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Duda to include a clock counting a specific time as the counter, in order to prevent a compromised key from causing excessive damage by limiting the length of time an exposed key would remain active (see Kung, column 34, lines 43-46, where a hacker with access to a broken key is prevented from having continuous access to the system).

In reference to Claims 2 and 3, Duda further discloses transmitting a challenge text from the access point to the station; the station encrypting the challenge text into the response text which is transmitted to the access point; the access point comparing the response text to a standard text, which is also the encrypted challenge text (see column 2, lines 22-32, where a well-known challenge response method is used); the

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station transmitting identification data to the access point and thereby to a server; and the access point updating the key if the identification data matches data stored in the server (see column 1, lines 39-50; column 3, lines 45-52; column 4, lines 18-27).

In reference to Claim 4, Duda further discloses requesting a response from a user before updating the key (see column 2, lines 22-32).

In reference to Claim 5, Duda further discloses decrypting data using the second key once the key is updated (column 5, lines 34-39, where the key is updated).

In reference to Claim 6, Duda further discloses a plurality of stations, each storing a key and a unique identification data (column 1, lines 39-48; column 3, lines 45-67).

In reference to Claim 7, Duda further discloses generating the key randomly (column 4, lines 10-12), and Kung also discloses generating the key randomly (column 33, lines 8-11).

In reference to Claim 8, Duda further discloses the access point transmitting a challenge text to the station after the key is updated, and performing a well-known challenge response protocol to verify the second key has been properly received and updated (see column 2, lines 22-32).

In reference to Claim 9, Kung further discloses a real time clock (column 9, lines 55-62).

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### Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Raith, US Patent 5241598, discloses a system for synchronizing updated rolling keys in a cellular network.
- b. Rosauer et al, US Patent 5768380, discloses a method for sending updated parameters, including encryption keys, to stations in a wireless network.
- c. Menezes et al, *Handbook of Applied Cryptography*, discloses well-known challenge-response protocols.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zachary A. Davis whose telephone number is (571) 272-3870. The examiner can normally be reached on weekdays 8:30-6:00, alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Business Center (EBC) at 866-217-9197 (toll-free).

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> EMMANUEL L. MOISE SUPERVISORY PATENT EXAMINER